## AUTOMATIC CHANGEOVER CIRCUIT FOR POLARITY OF SYNCHRONIZING SIGNAL OF MONITOR DEVICE

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ARAI CHIHARU ANRITSU CORP

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Inventor(s):

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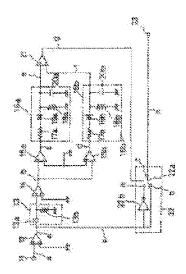
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## Abstract of JP 4225393 (A)

PURPOSE:To decrease an operator's burden by providing a deciding circuit which automatically decides the polarity of the synchronizing signal inputted from an external device.

CONSTITUTION: The output signal e of a 1st averaging circuit 16a is always smaller than the output signal f of a 2nd averaging circuit 16b over the entire period of one period. Consequently, a comparator circuit 21 continuously transmits the polarity decision signal g of a low level to a polarity changeover circuit 22 and a changeover switch 22a is connected to a terminal a side. Then, the synchronizing signal a of the negative polarity inputted from the external device is inverted in signal level by an inverter 22b and is converted to the synchronizing signal h of the negative polarity. This signal is outputted from an output terminal 23.; Even if the synchronizing signal a inputted to the monitor device in such a manner is either of the positive polarity or the negative polarity, the polarity is automatically matched with the polarity of the synchronizing signal to be used in the monitor device.



Also published as:

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